Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028418.D
Acq On : 02 Nov 2023 13:05
Operator : MA/JU
Sample : PB156828BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Quant Time: Nov 02 14:07:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	8575	0.400	ng	0.00
7) Naphthalene-d8	10.511	136	24833	0.400	ng	0.00
13) Acenaphthene-d10	14.362	164	12816	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	29605	0.400	ng	#-0.01
29) Chrysene-d12	21.327	240	22012	0.400	ng	0.00
35) Perylene-d12	23.639	264	19839	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	8004	0.357	ng	0.00
5) Phenol-d6	6.889	99	10055	0.354	ng	0.00
8) Nitrobenzene-d5	8.867	82	5591	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	12.109	152	13880	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	1554	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	4751	0.312	ng	0.00
27) Fluoranthene-d10	19.156	212	27030	0.369	ng	0.00
31) Terphenyl-d14	19.769	244	17602	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	3001	0.316	ng	# 67
3) n-Nitrosodimethylamine	3.516	42	4160	0.393	ng	# 95
6) bis(2-Chloroethyl)ether	7.156	93	9899	0.403	ng	99
9) Naphthalene	10.564	128	26943	0.402	ng	99
10) Hexachlorobutadiene	10.863	225	4485	0.402	ng	# 100
12) 2-Methylnaphthalene	12.184	142	16956	0.363	ng	99
16) Acenaphthylene	14.084	152	24083	0.380	ng	100
17) Acenaphthene	14.427	154	16135	0.402	ng	99
18) Fluorene	15.421	166	22235	0.407	ng	100
20) 4,6-Dinitro-2-methylph...	15.496	198	797	0.362	ng	# 84
21) 4-Bromophenyl-phenylether	16.313	248	6450	0.393	ng	93
22) Hexachlorobenzene	16.412	284	7183	0.415	ng	97
23) Atrazine	16.586	200	4893	0.355	ng	99
24) Pentachlorophenol	16.760	266	4375	0.701	ng	99
25) Phenanthrene	17.157	178	35362	0.404	ng	100
26) Anthracene	17.244	178	30625	0.367	ng	100
28) Fluoranthene	19.184	202	38025	0.373	ng	100
30) Pyrene	19.546	202	38260	0.417	ng	100
32) Benzo(a)anthracene	21.309	228	33117	0.379	ng	99
33) Chrysene	21.363	228	35405	0.407	ng	99
34) Bis(2-ethylhexyl)phtha...	21.265	149	14415	0.319	ng	98
36) Indeno(1,2,3-cd)pyrene	26.013	276	33364	0.474	ng	99
37) Benzo(b)fluoranthene	22.940	252	34252	0.510	ng	99
38) Benzo(k)fluoranthene	22.987	252	31965	0.412	ng	99
39) Benzo(a)pyrene	23.534	252	25280	0.374	ng	97
40) Dibenzo(a,h)anthracene	26.039	278	27184	0.429	ng	97
41) Benzo(g,h,i)perylene	26.732	276	29201	0.430	ng	98

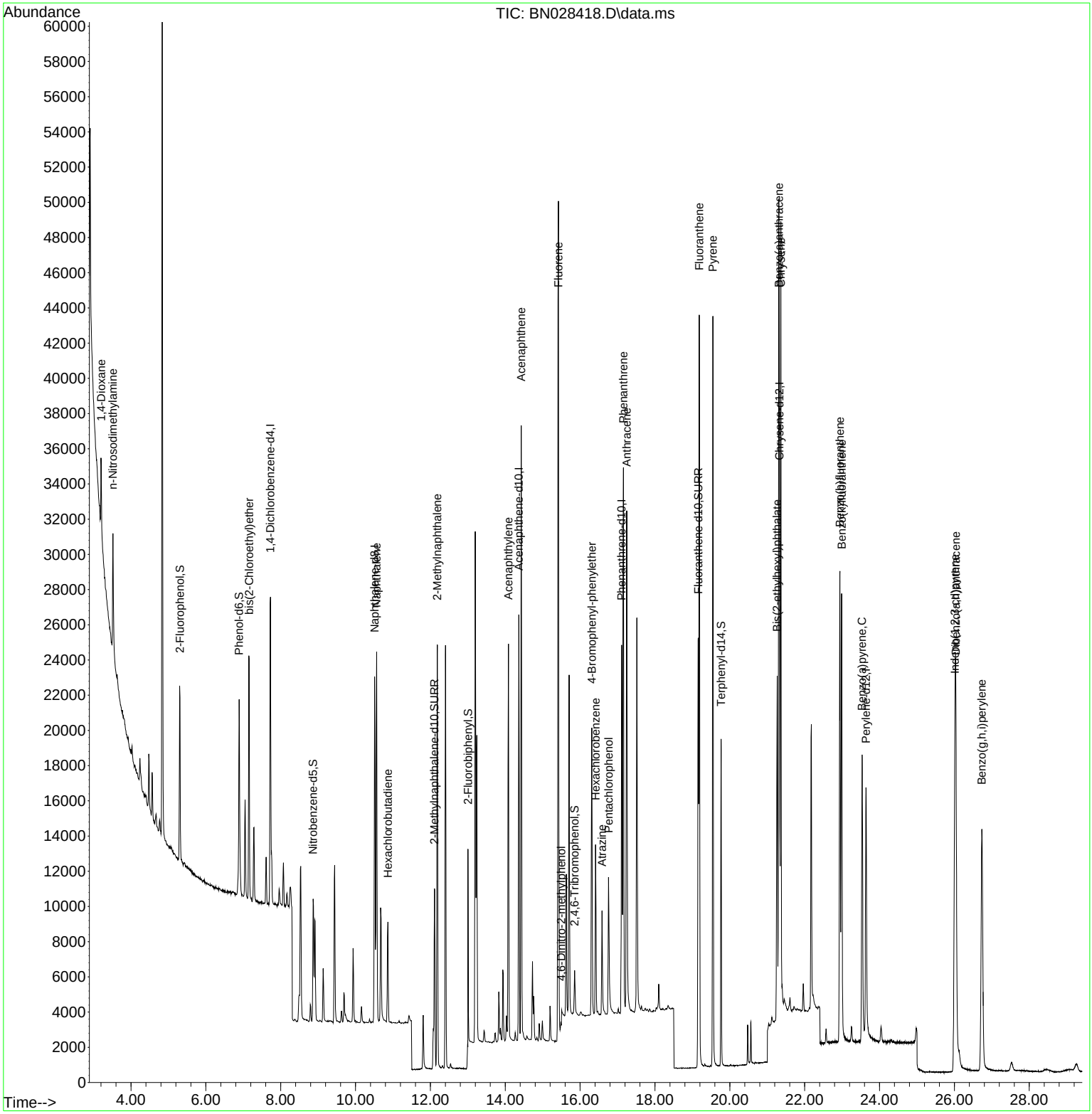
(#) = qualifier out of range (m) = manual integration (+) = signals summed

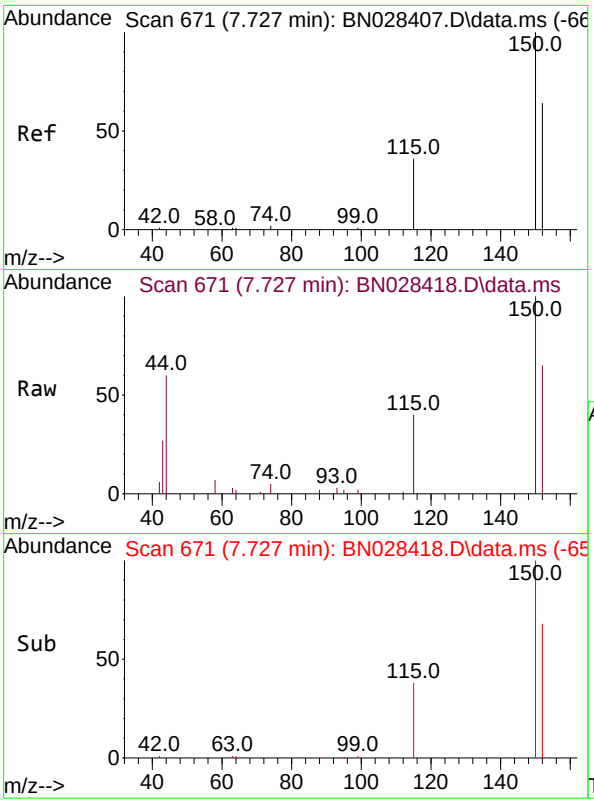
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028418.D
Acq On : 02 Nov 2023 13:05
Operator : MA/JU
Sample : PB156828BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Quant Time: Nov 02 14:07:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration



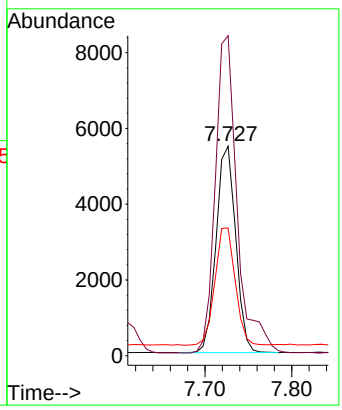


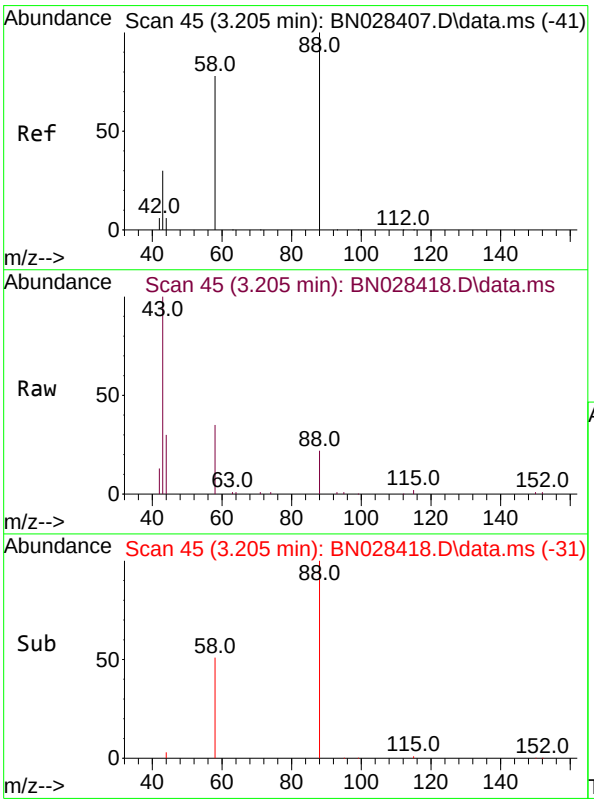
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.727 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:152 Resp: 8575

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	61.0	47.0	70.6

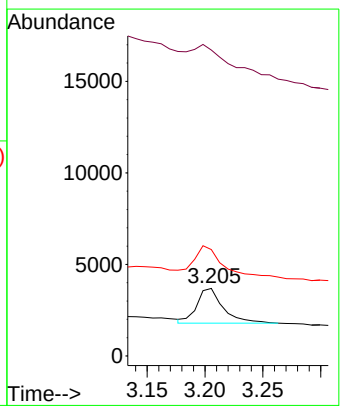


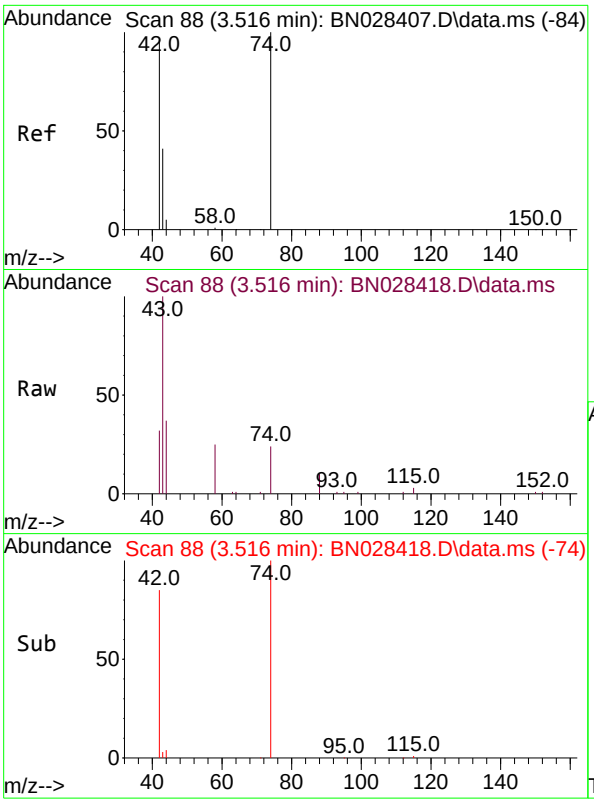


#2
1,4-Dioxane
Concen: 0.316 ng
RT: 3.205 min Scan# 45
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion: 88 Resp: 3001

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.3	36.5#
58	95.4	59.8	89.6#



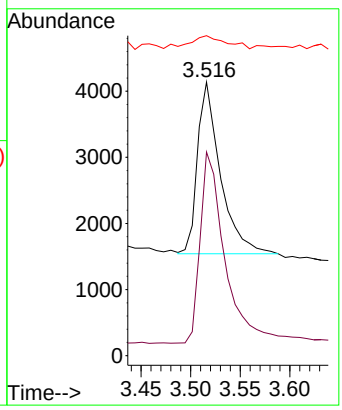


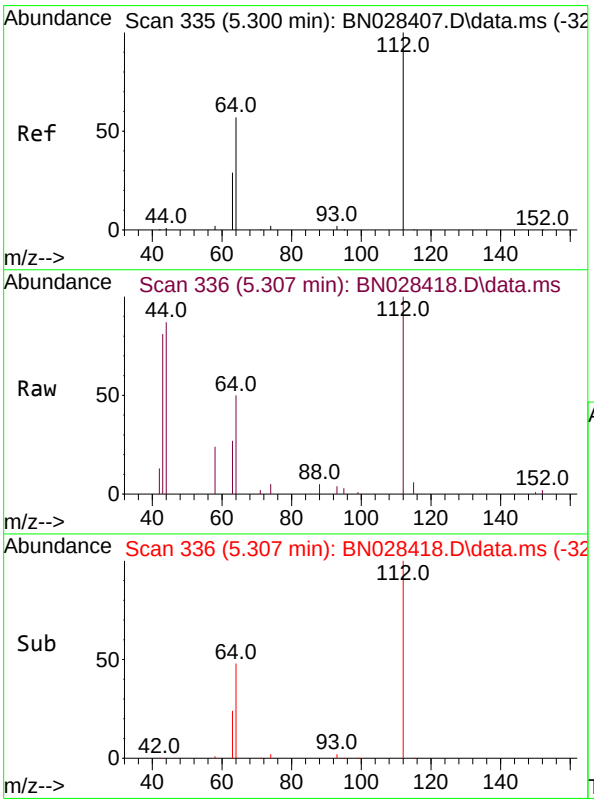
#3
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.516 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion: 42 Resp: 4160

Ion	Ratio	Lower	Upper
42	100		
74	120.3	100.3	150.5
44	12.4	6.2	9.2#

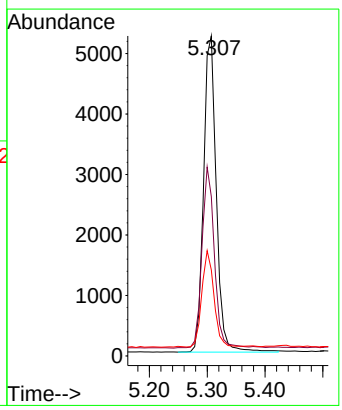


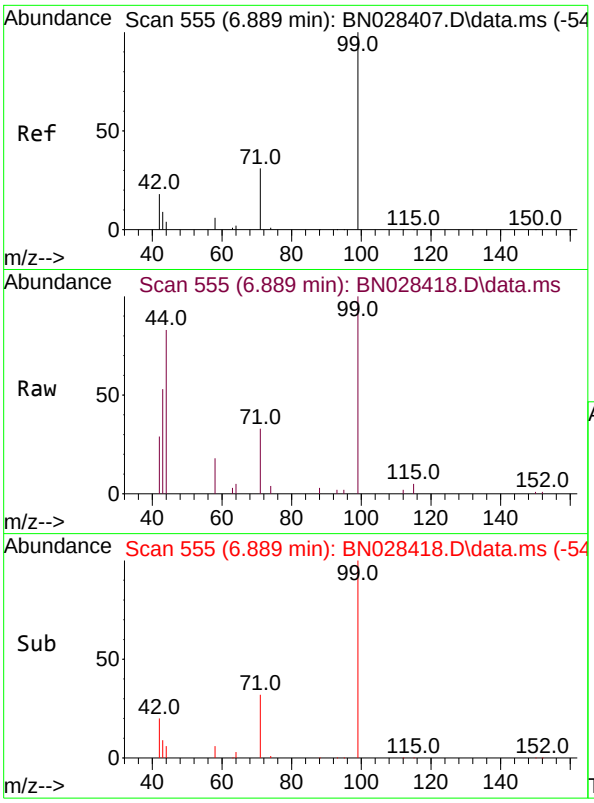


#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.307 min Scan# 336
Delta R.T. 0.007 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:112 Resp: 8004

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.3	66.5
63	29.1	22.6	33.8



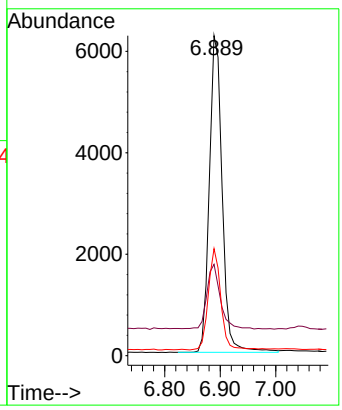


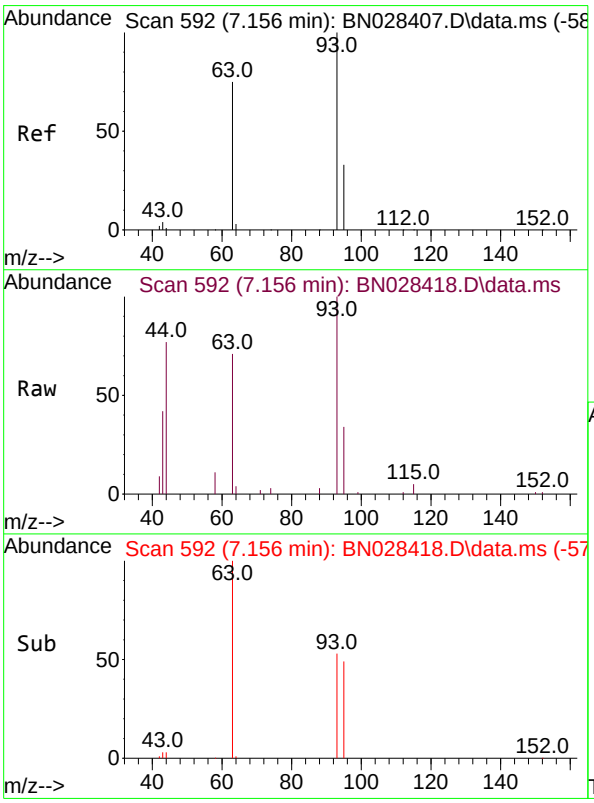
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.889 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion: 99 Resp: 10055

Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.4	23.0
71	31.4	24.4	36.6

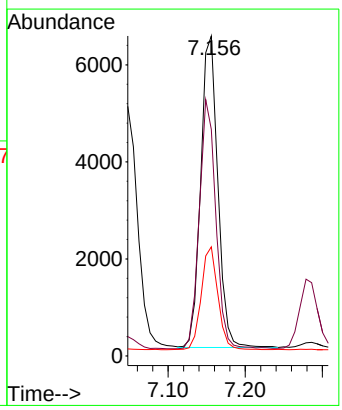


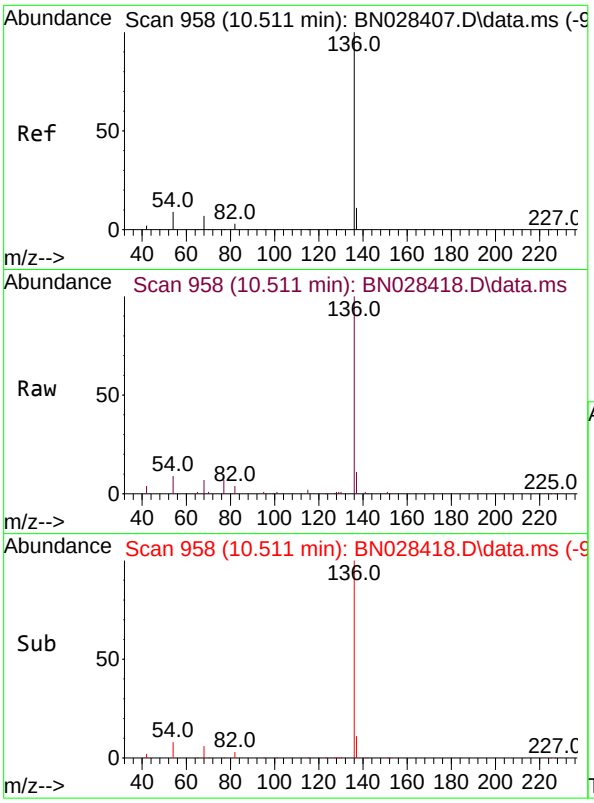


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.156 min Scan# 592
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion: 93 Resp: 9899

Ion	Ratio	Lower	Upper
93	100		
63	77.8	61.4	92.0
95	32.3	26.1	39.1



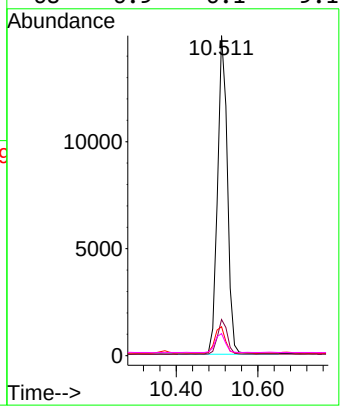


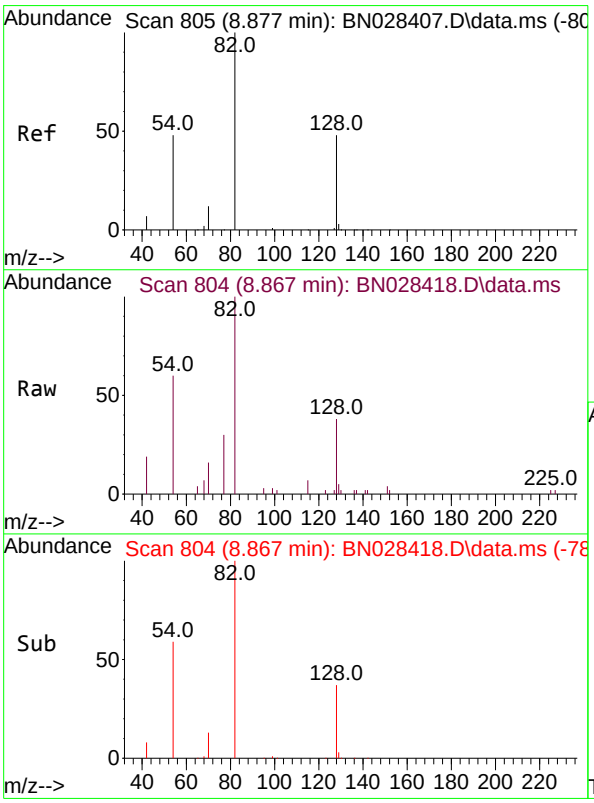
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.511 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:136 Resp: 24833

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.1	7.9	11.9
68	6.9	6.1	9.1

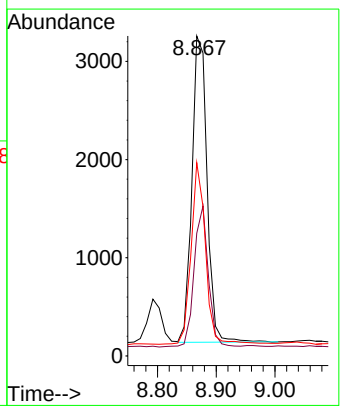


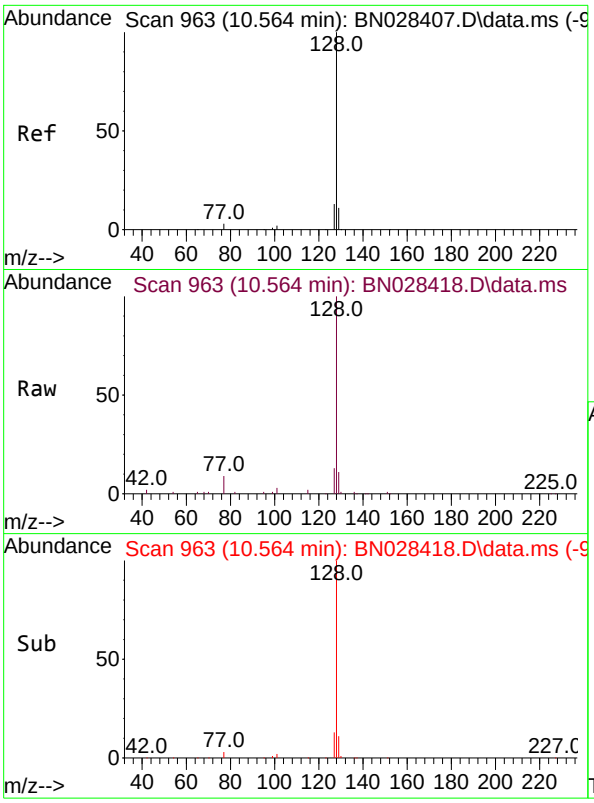


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.867 min Scan# 804
Delta R.T. -0.011 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion: 82 Resp: 5591

Ion	Ratio	Lower	Upper
82	100		
128	38.4	38.8	58.2#
54	60.4	40.3	60.5



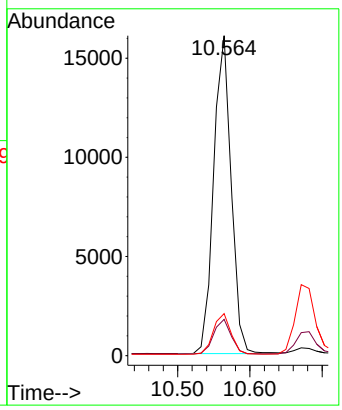


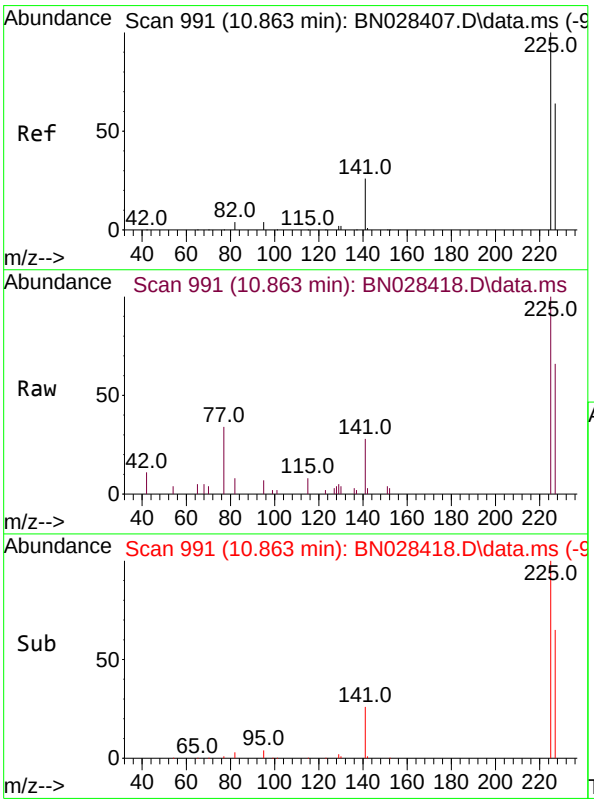
#9
Naphthalene
Concen: 0.402 ng
RT: 10.564 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:128 Resp: 26943

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.2	10.4	15.6

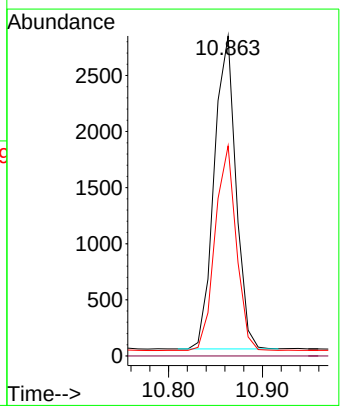


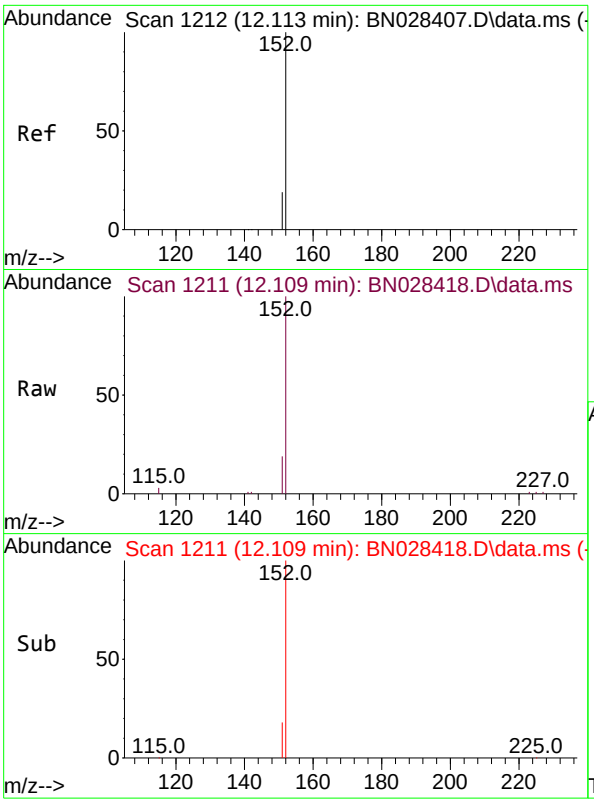


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.863 min Scan# 991
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:225 Resp: 4485

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.4	77.0



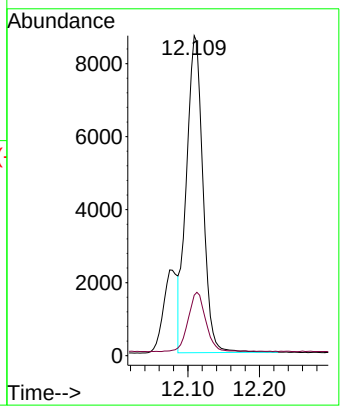


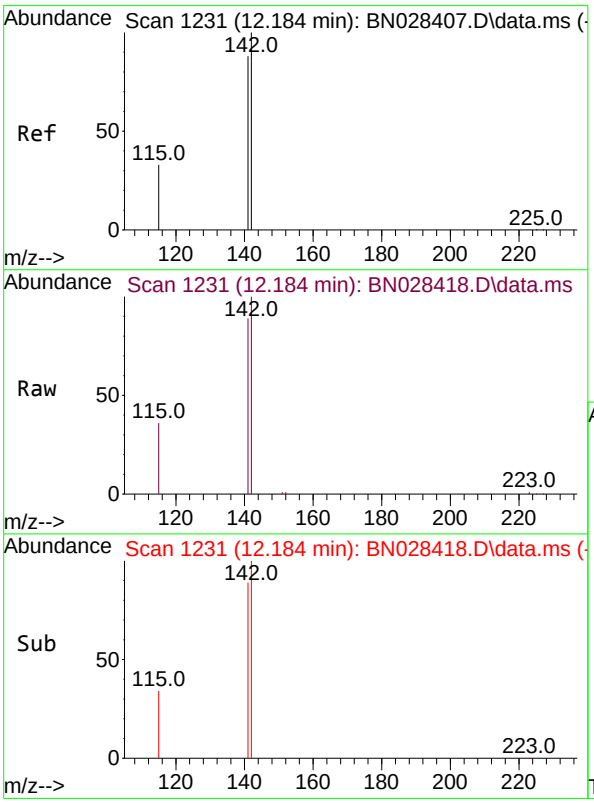
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.109 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:152 Resp: 13880

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6

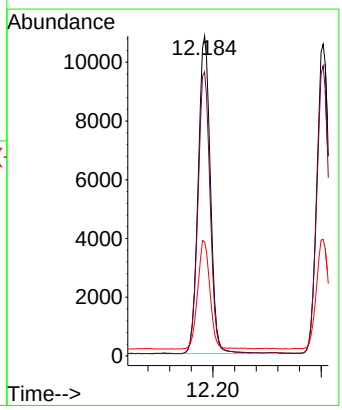


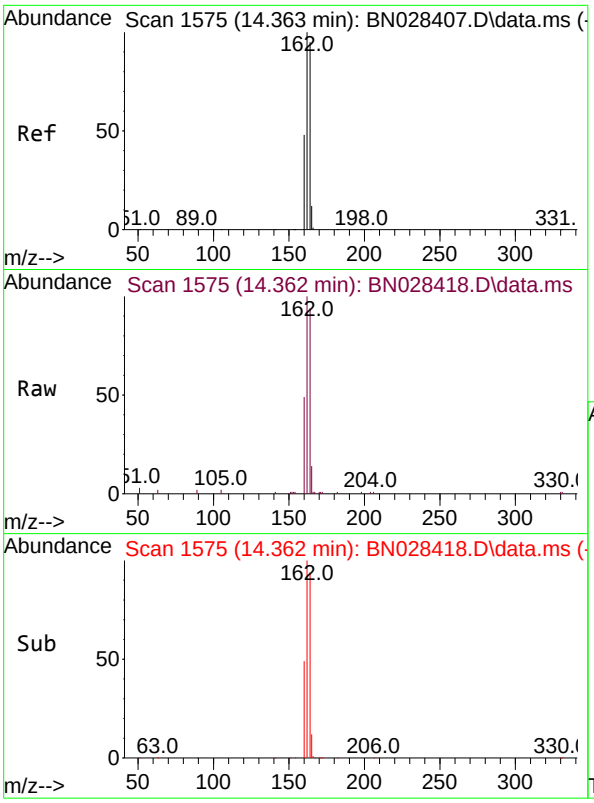


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.184 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:142 Resp: 16956

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	35.7	27.6	41.4



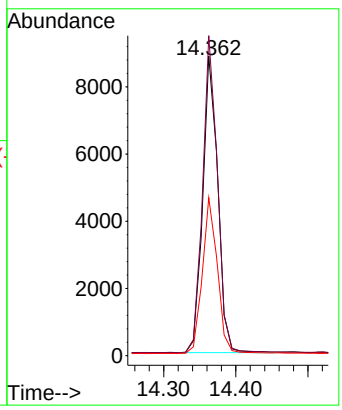


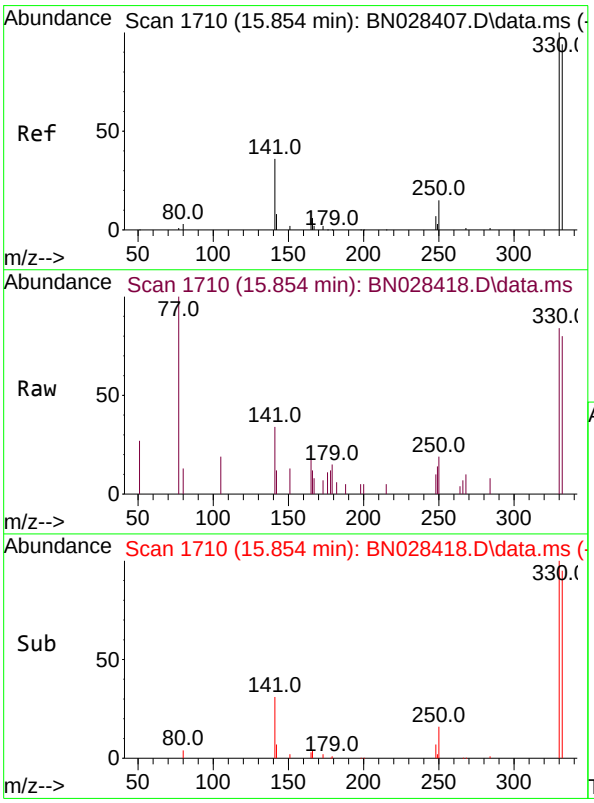
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.362 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:164 Resp: 12816

Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.6	127.0
160	52.7	41.3	61.9

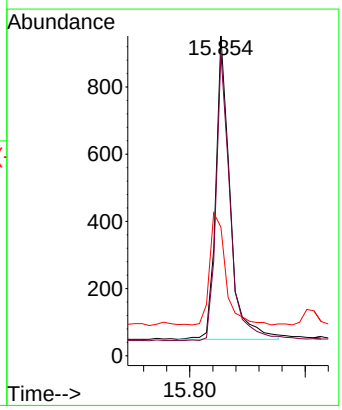


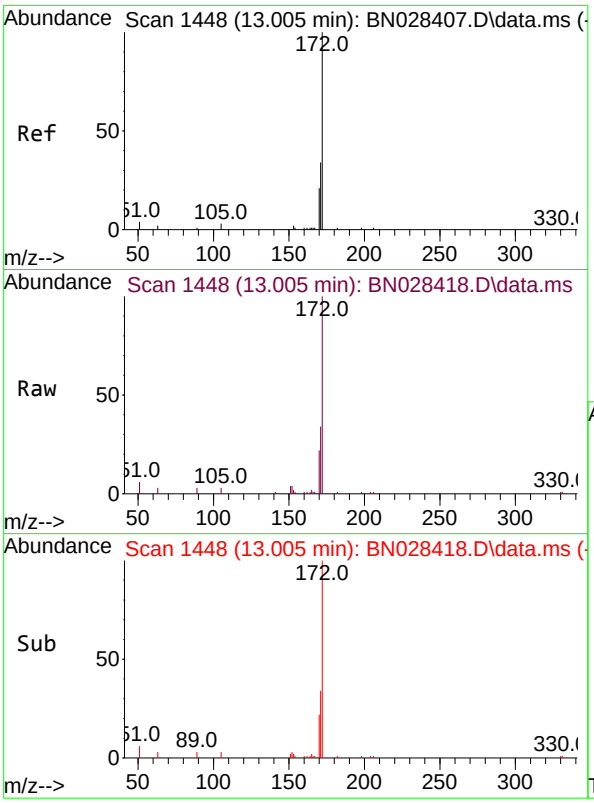


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.854 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:330 Resp: 1554

Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.2	114.2
141	41.0	32.8	49.2



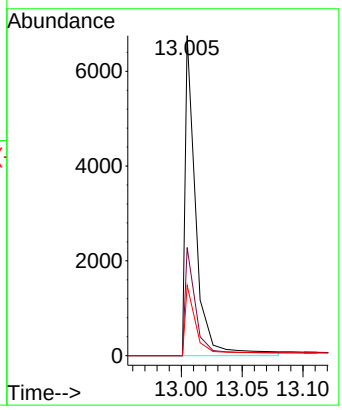


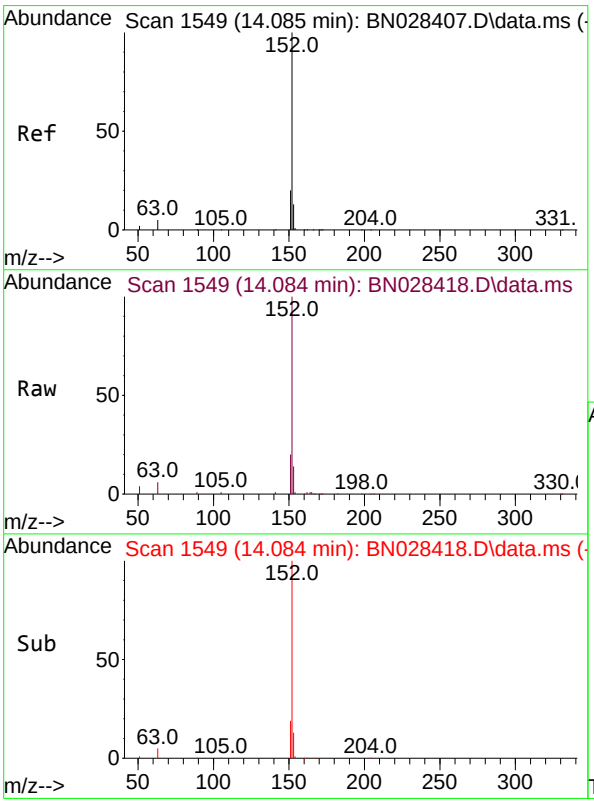
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.005 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:172 Resp: 4751

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.2	40.8
170	22.0	17.1	25.7

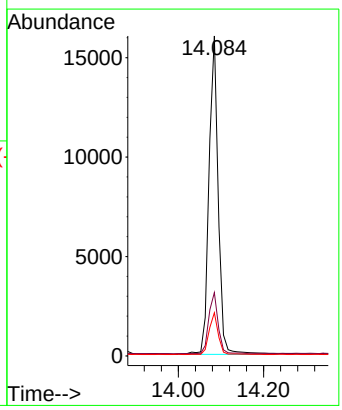


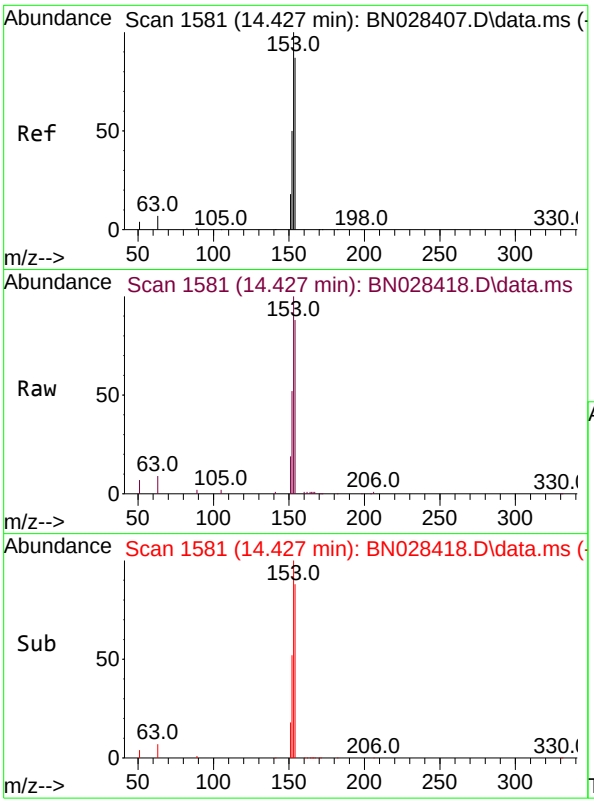


#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.084 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:152 Resp: 24083

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.5	15.7



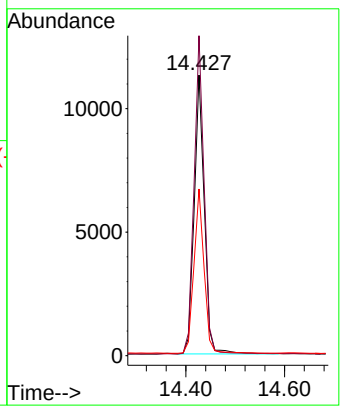


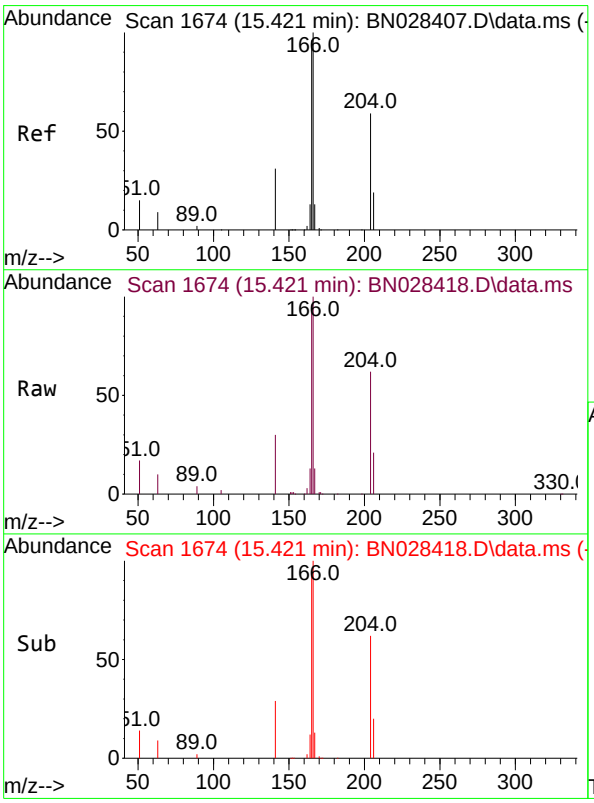
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:154 Resp: 16135

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.5	135.7
152	58.9	45.8	68.6

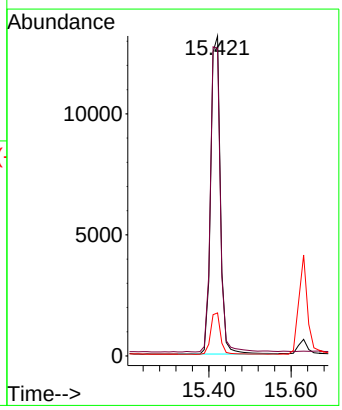


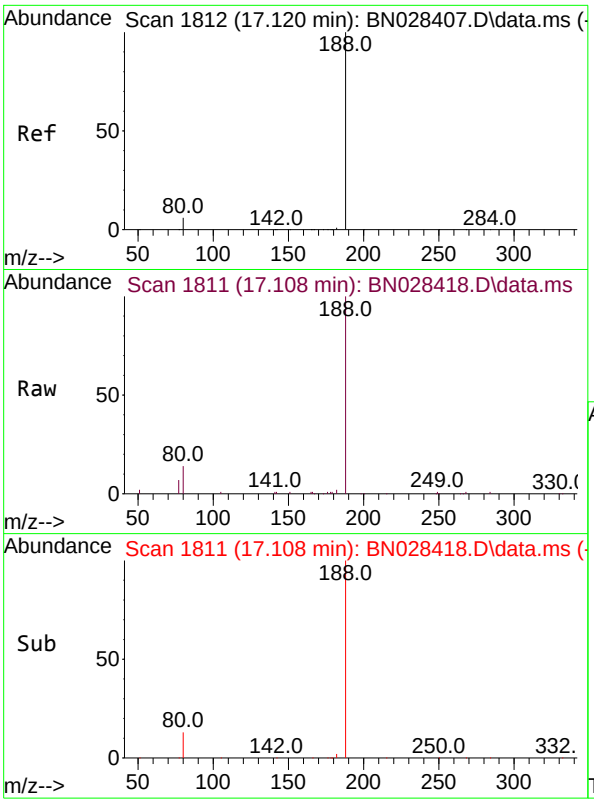


#18
Fluorene
Concen: 0.407 ng
RT: 15.421 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:166 Resp: 22235

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	13.5	10.6	16.0



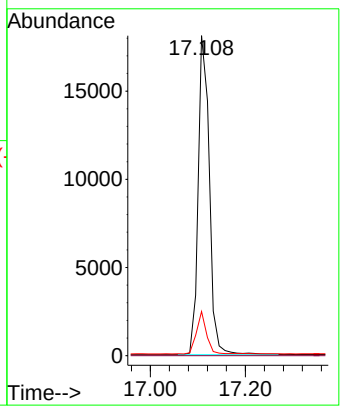


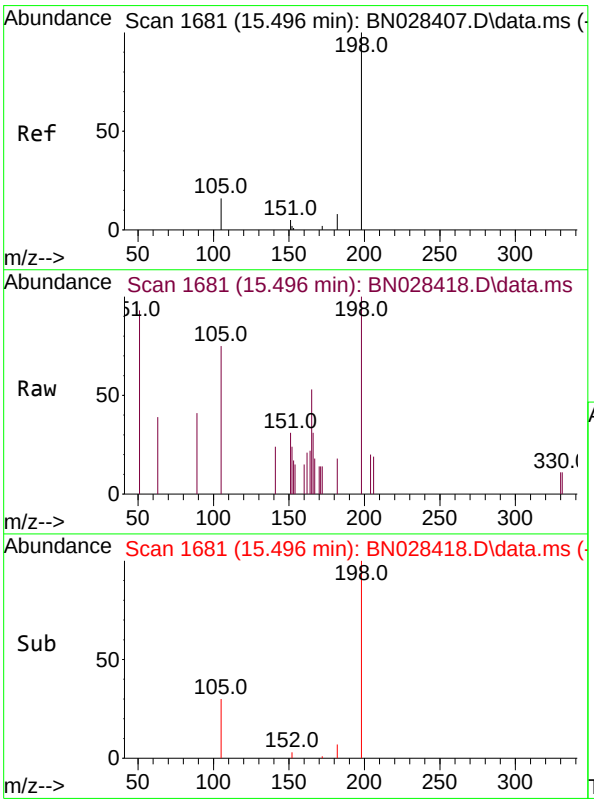
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:188 Resp: 29605

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	5.3	7.9#

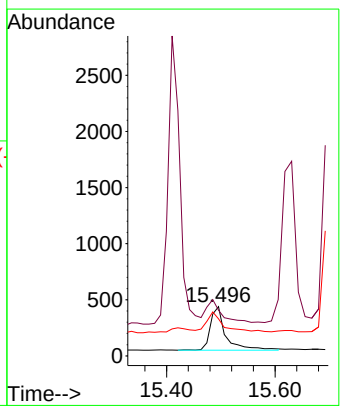


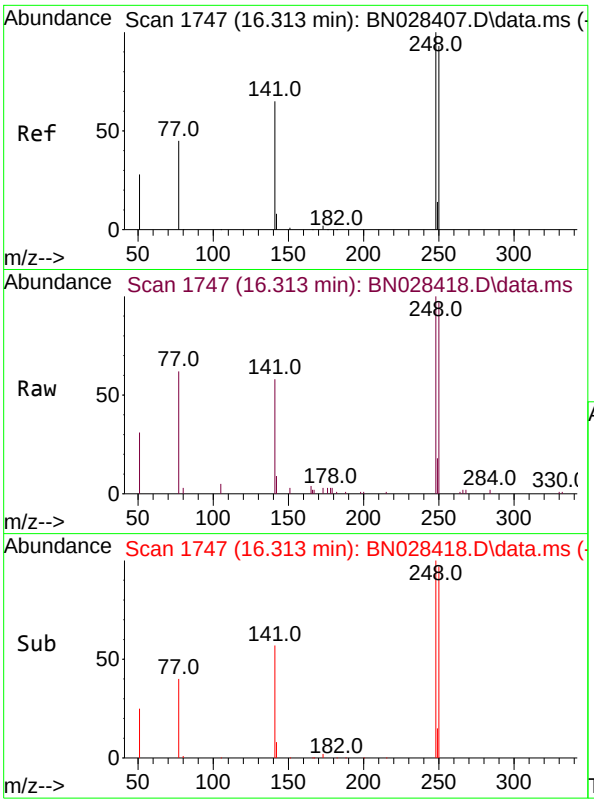


#20
4,6-Dinitro-2-methylphenol
Concen: 0.362 ng
RT: 15.496 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:198 Resp: 797

Ion	Ratio	Lower	Upper
198	100		
51	92.7	63.3	94.9
105	75.2	50.0	75.0#



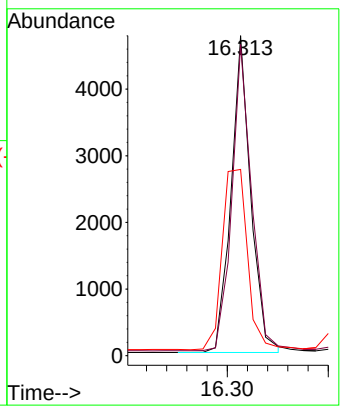


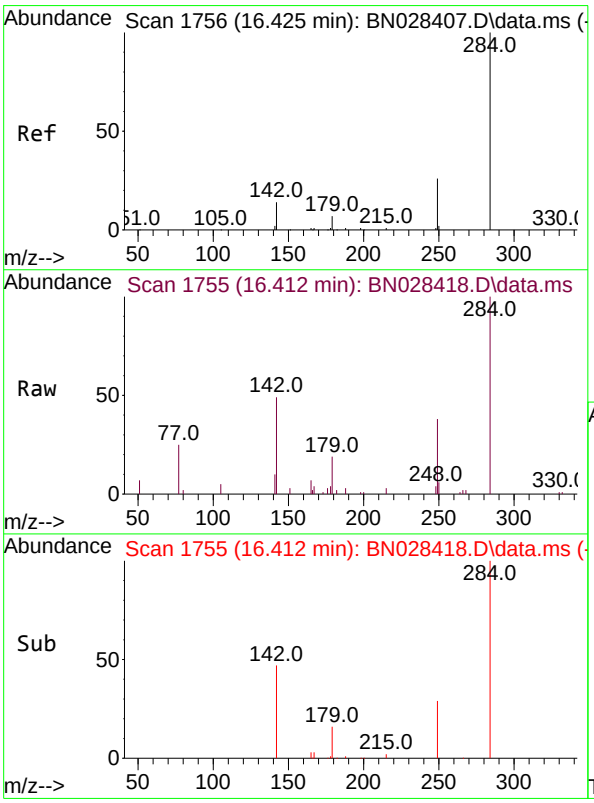
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.313 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:248 Resp: 6450

Ion	Ratio	Lower	Upper
248	100		
250	97.2	74.6	111.8
141	58.2	53.4	80.2

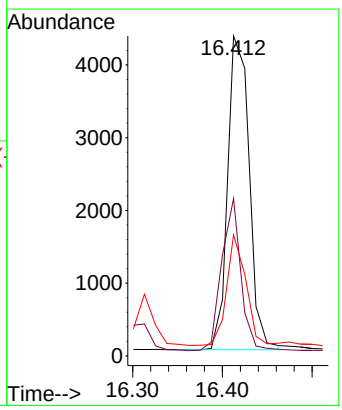


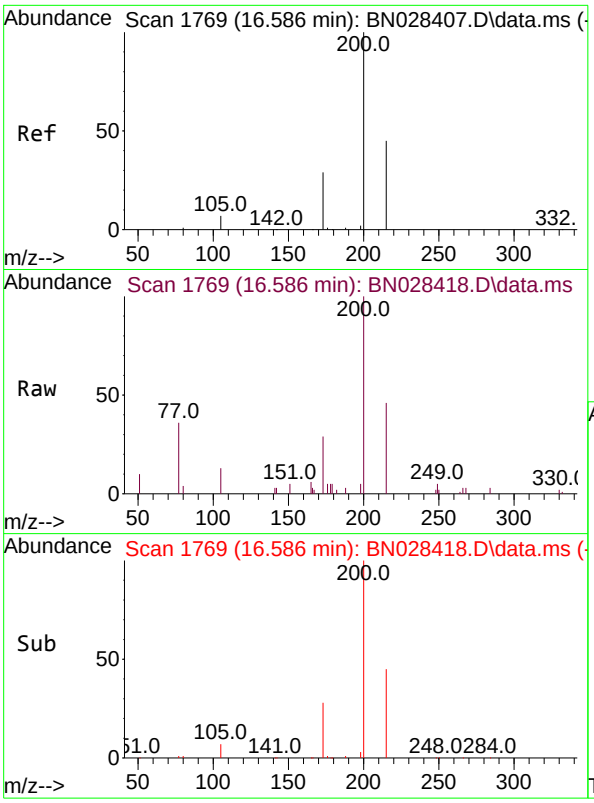


#22
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.412 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:284 Resp: 7183

Ion	Ratio	Lower	Upper
284	100		
142	43.3	31.8	47.6
249	31.3	25.0	37.6



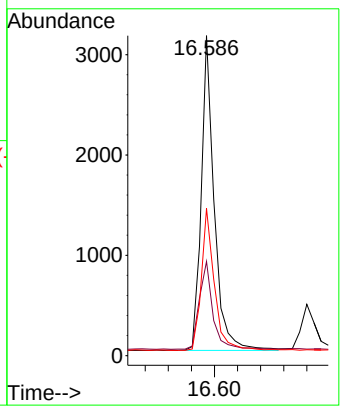


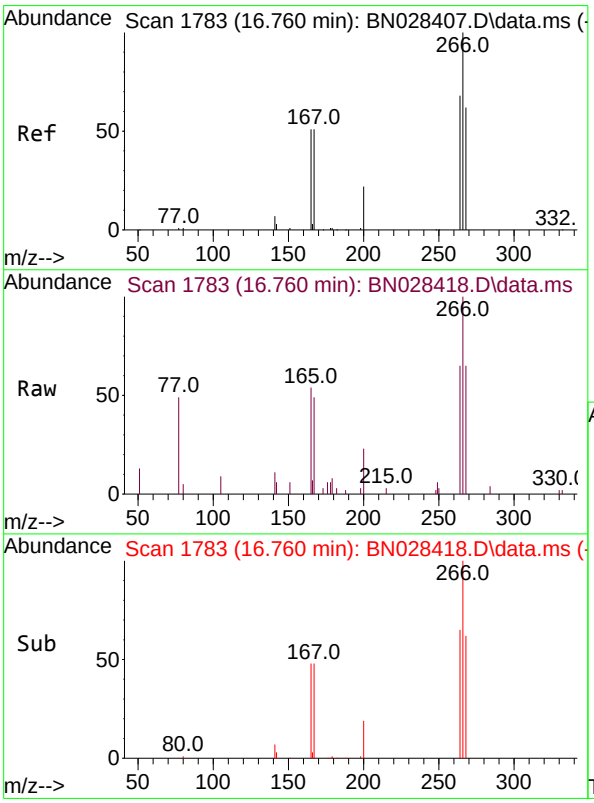
#23
Atrazine
Concen: 0.355 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:200 Resp: 4893

Ion	Ratio	Lower	Upper
200	100		
173	29.4	24.3	36.5
215	46.0	36.2	54.4

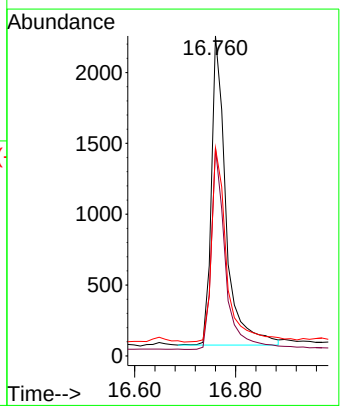


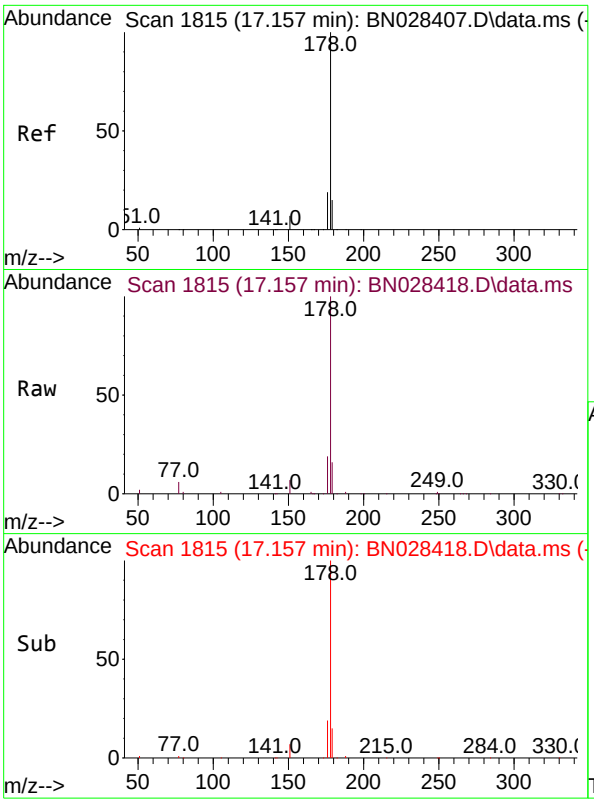


#24
Pentachlorophenol
Concen: 0.701 ng
RT: 16.760 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:266 Resp: 4375

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.9	76.3
268	64.6	51.0	76.4



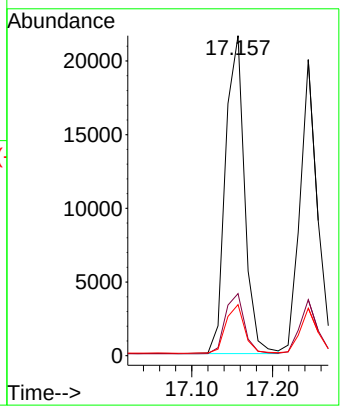


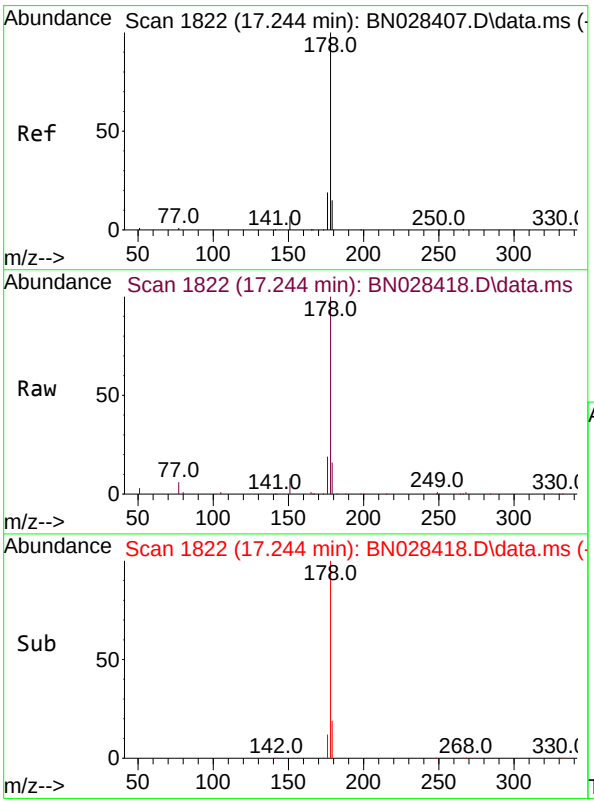
#25
Phenanthrene
Concen: 0.404 ng
RT: 17.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:178 Resp: 35362

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.2	12.2	18.2

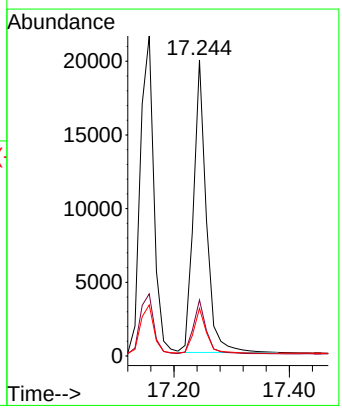


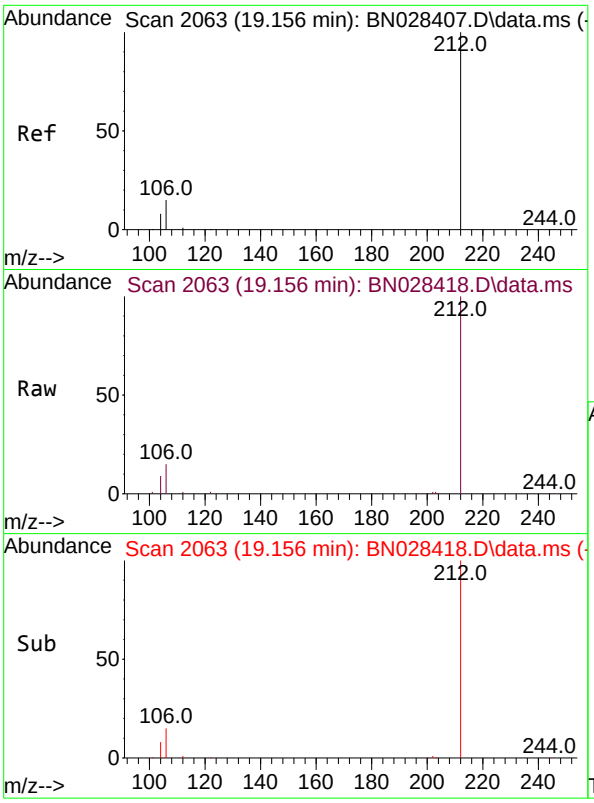


#26
Anthracene
Concen: 0.367 ng
RT: 17.244 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:178 Resp: 30625

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.3	12.2	18.4



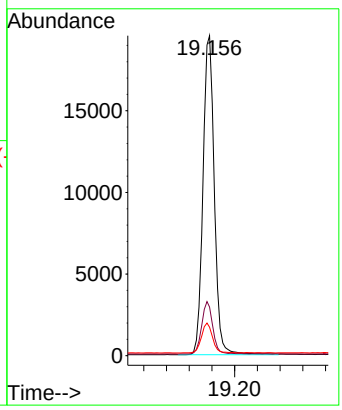


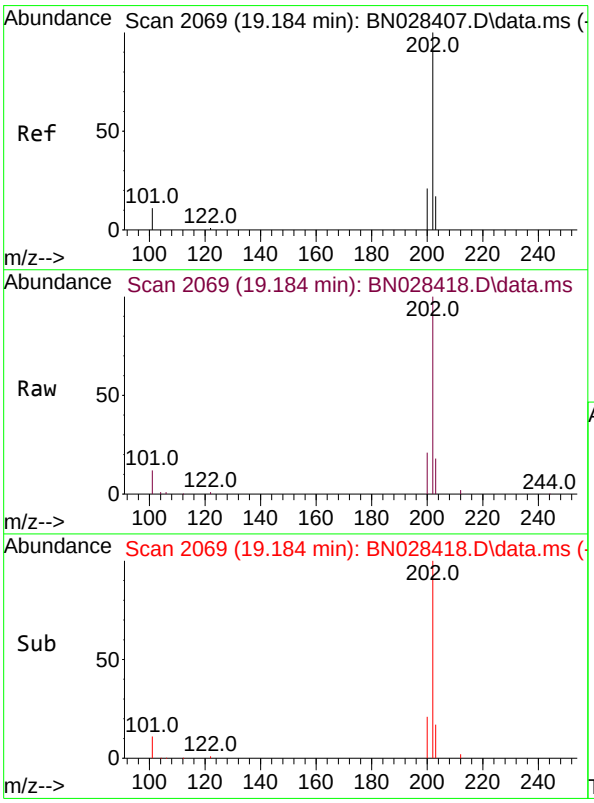
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.156 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:212 Resp: 27030

Ion	Ratio	Lower	Upper
212	100		
106	16.0	11.9	17.9
104	9.1	6.7	10.1

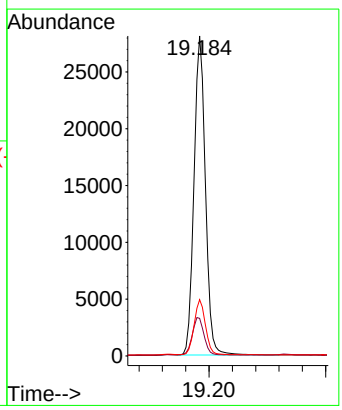


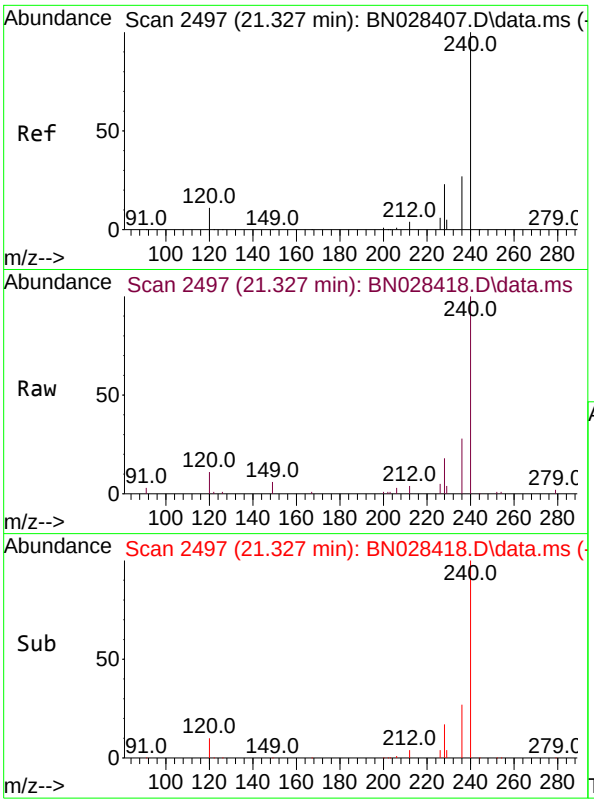


#28
Fluoranthene
Concen: 0.373 ng
RT: 19.184 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:202 Resp: 38025

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
203	17.1	13.7	20.5



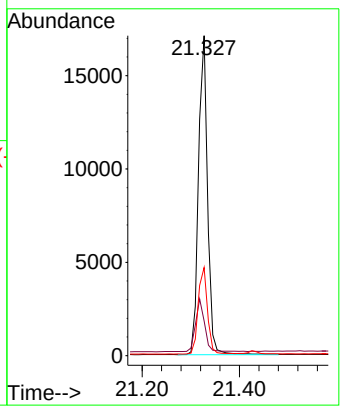


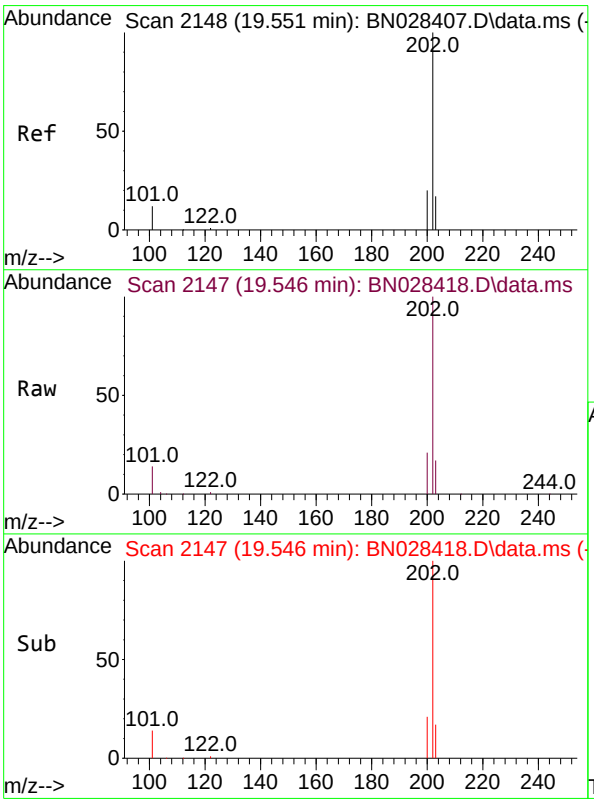
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.327 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:240 Resp: 22012

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.8	14.6
236	27.6	22.2	33.2

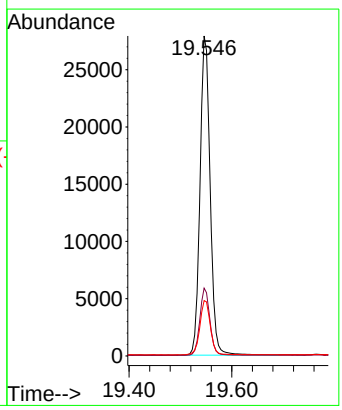


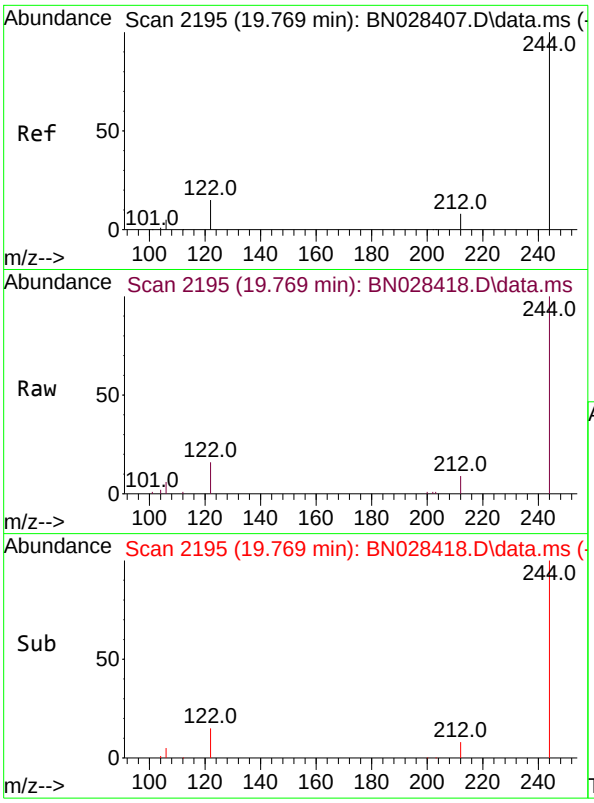


#30
Pyrene
Concen: 0.417 ng
RT: 19.546 min Scan# 2147
Delta R.T. -0.005 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:202 Resp: 38260

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.6	14.2	21.2



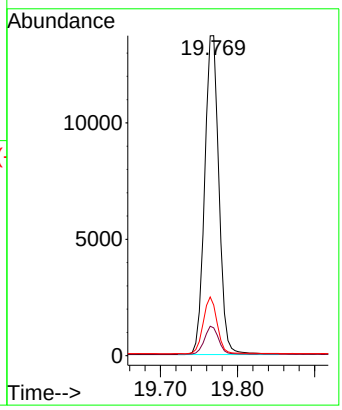


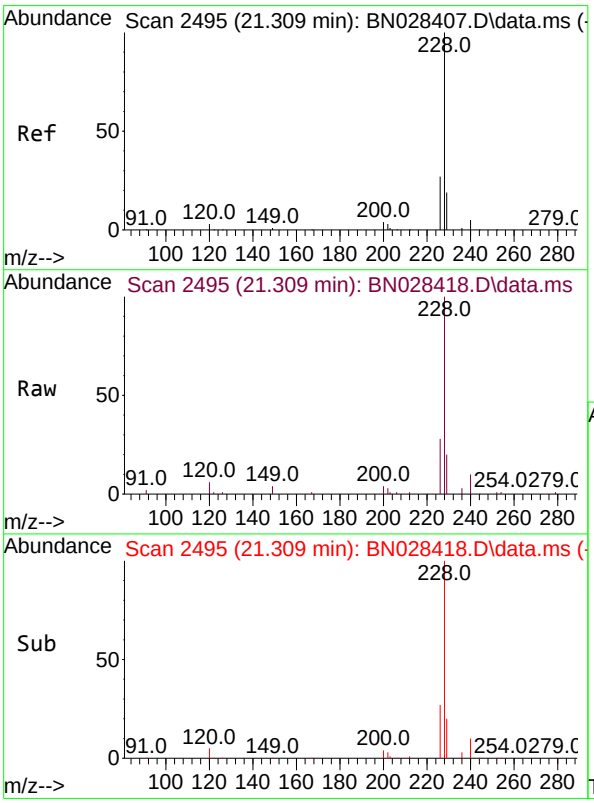
#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.769 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:244 Resp: 17602

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	15.8	12.6	19.0

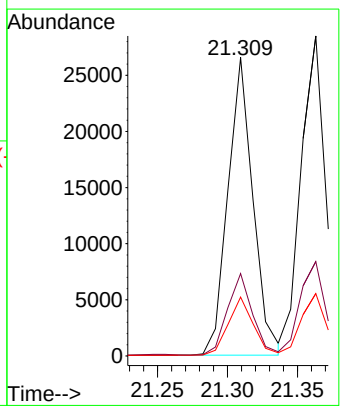


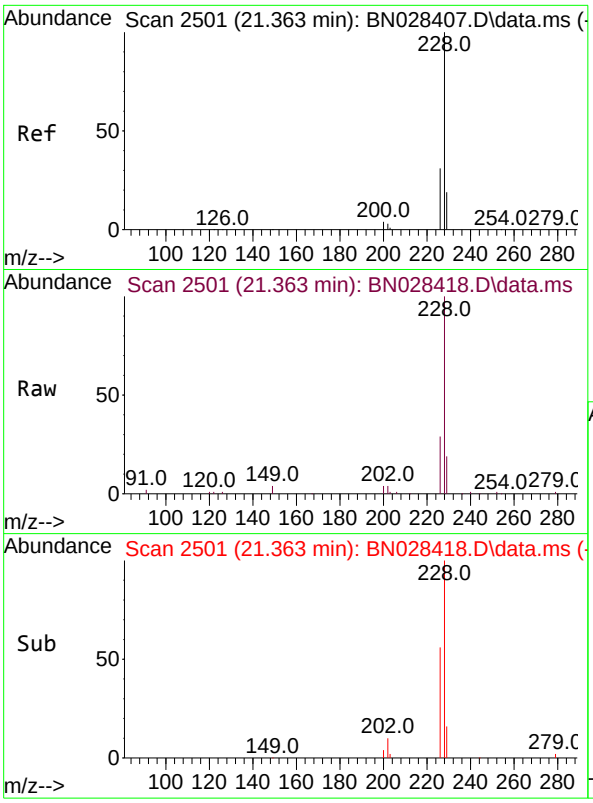


#32
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.309 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:228 Resp: 33117

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.7	15.5	23.3



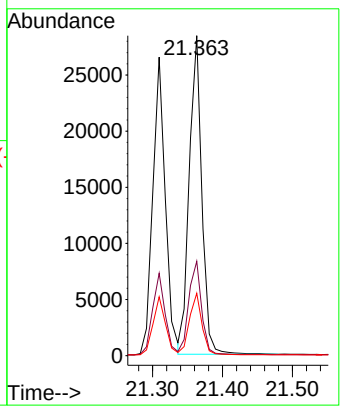


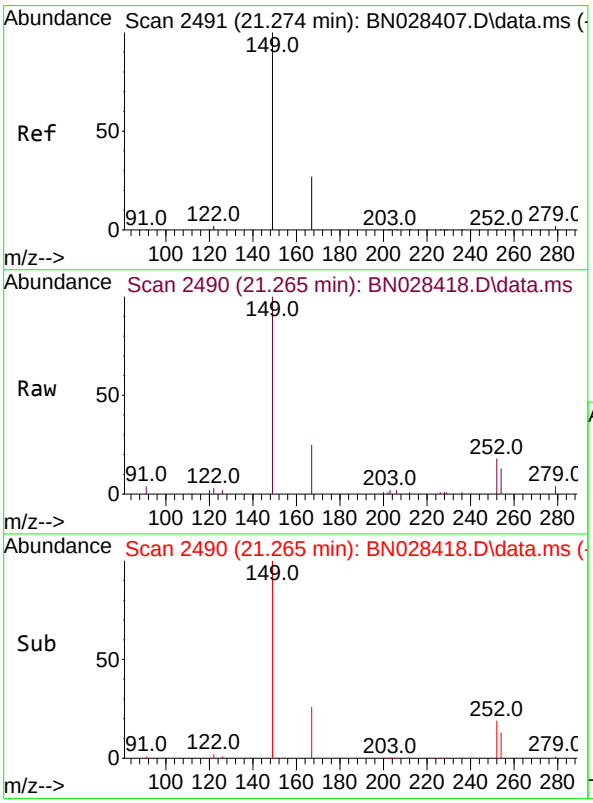
#33
Chrysene
Concen: 0.407 ng
RT: 21.363 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:228 Resp: 35405

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	36.8
229	19.5	15.7	23.5

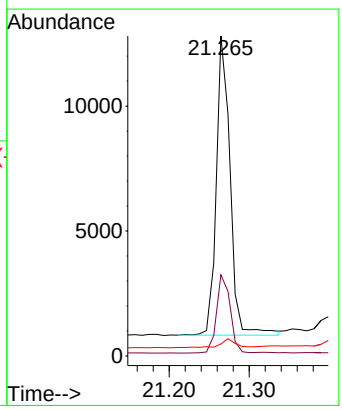


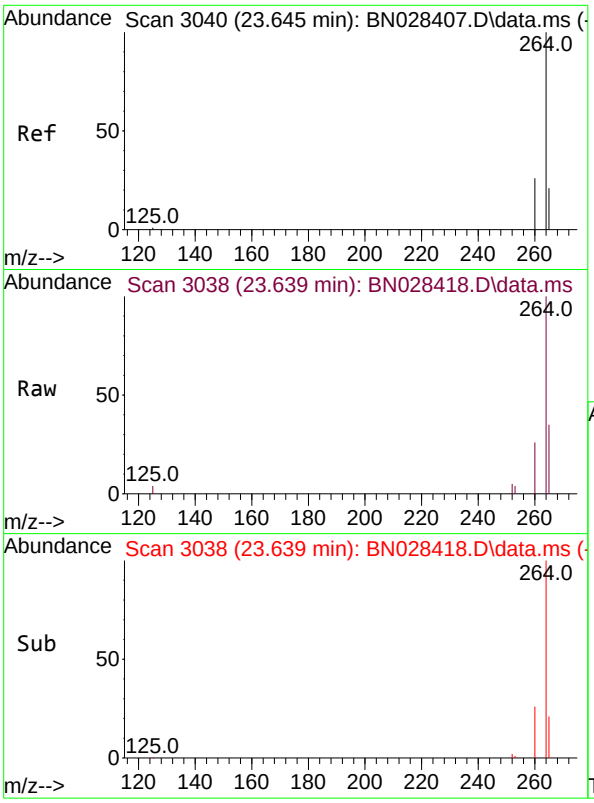


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.319 ng
RT: 21.265 min Scan# 2490
Delta R.T. -0.009 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:149 Resp: 14415

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.4	32.0
279	3.4	2.3	3.5



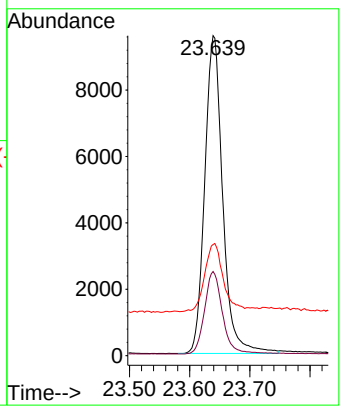


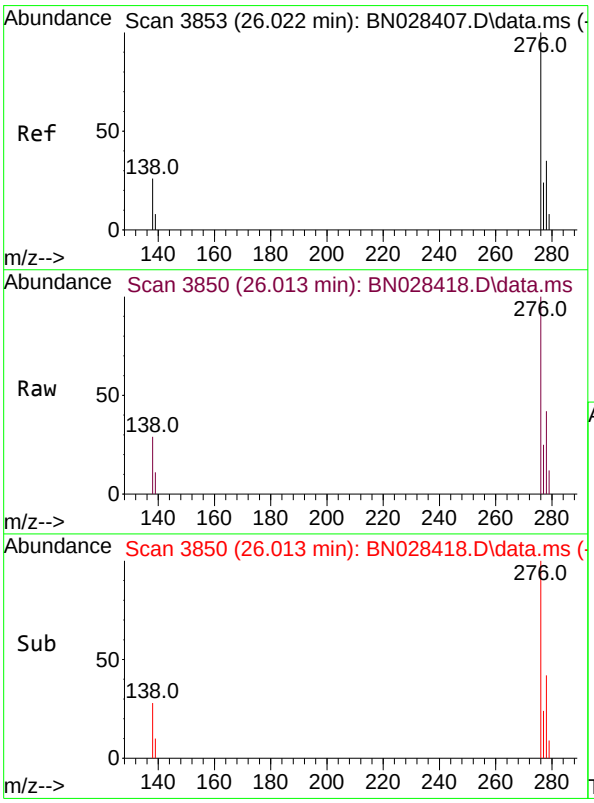
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.639 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:264 Resp: 19839

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.8	31.2
265	34.8	21.7	32.5#

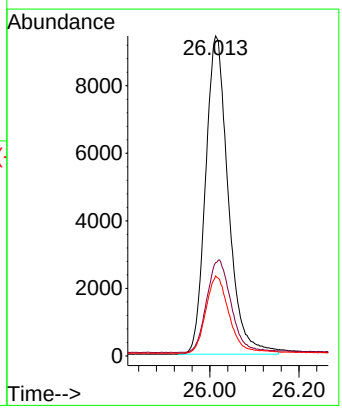


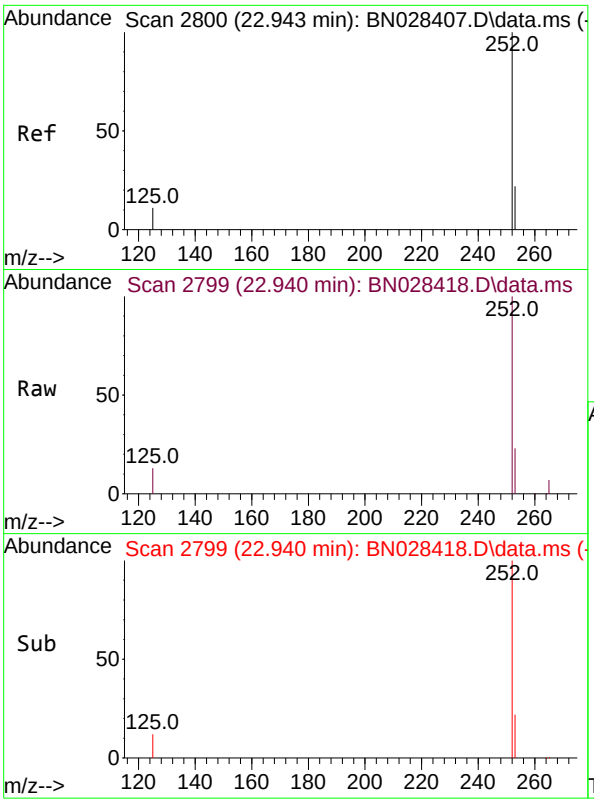


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng
RT: 26.013 min Scan# 3850
Delta R.T. -0.009 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:276 Resp: 33364

Ion	Ratio	Lower	Upper
276	100		
138	31.0	24.1	36.1
277	24.6	19.7	29.5



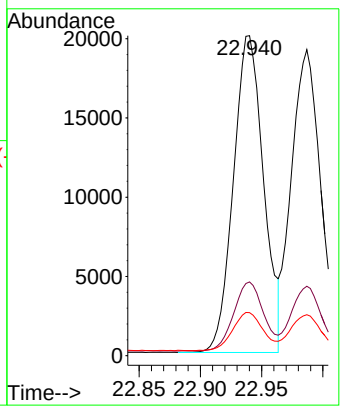


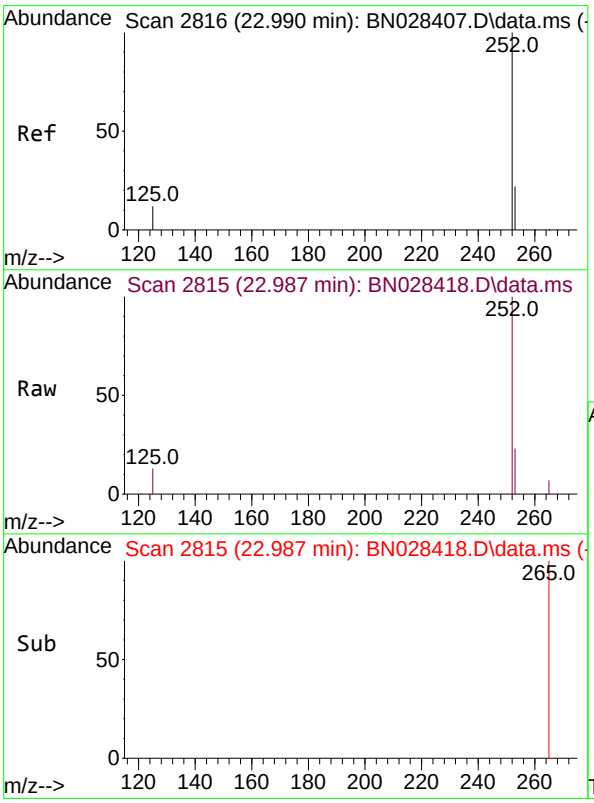
#37
Benzo(b)fluoranthene
Concen: 0.510 ng
RT: 22.940 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:252 Resp: 34252

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	13.5	10.0	15.0

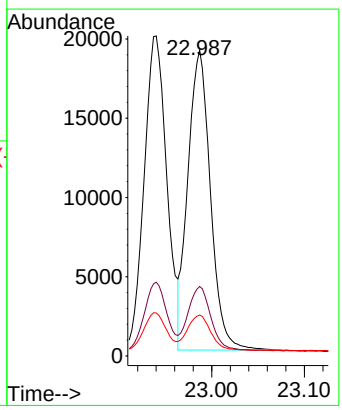


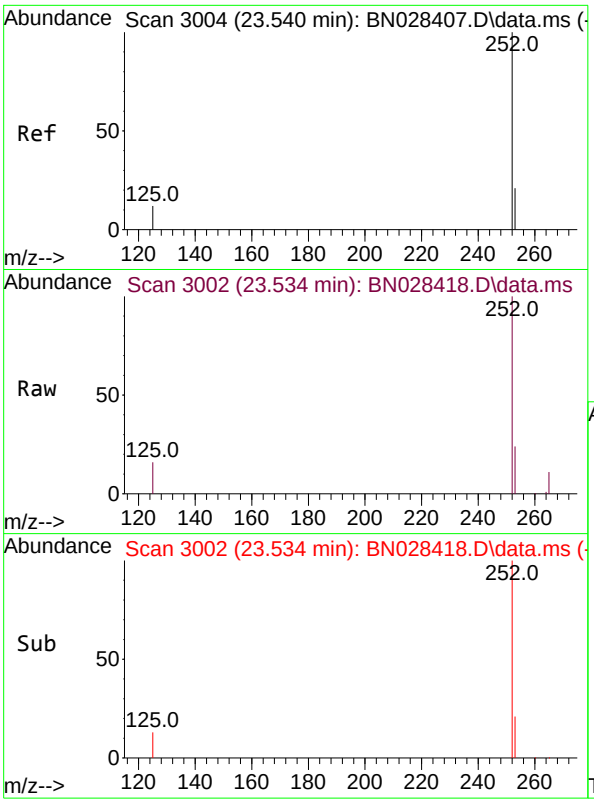


#38
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.987 min Scan# 2815
Delta R.T. -0.003 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:252 Resp: 31965

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.4	10.2	15.2



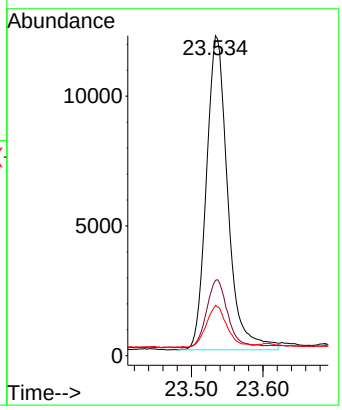


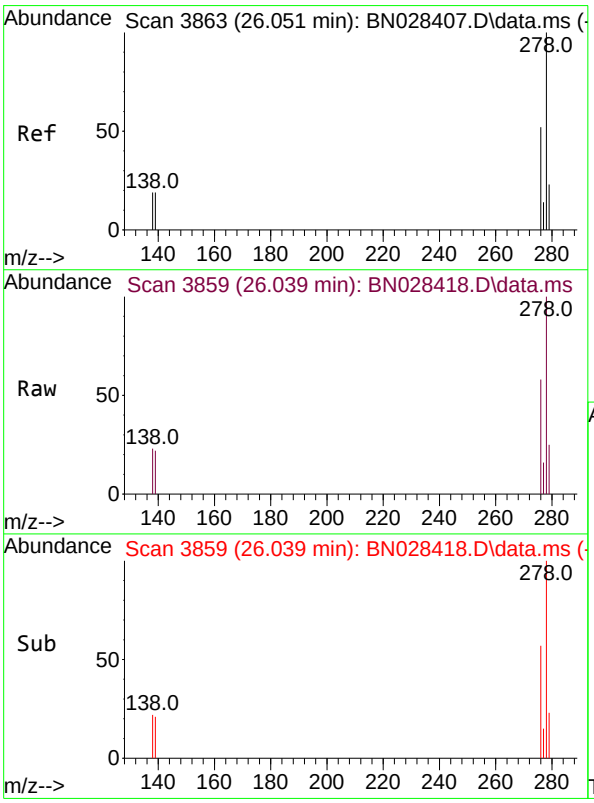
#39
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.534 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:252 Resp: 25280

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.8	11.0	16.6

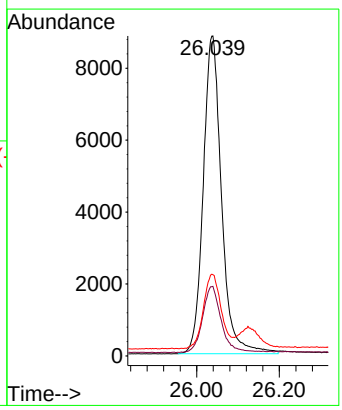


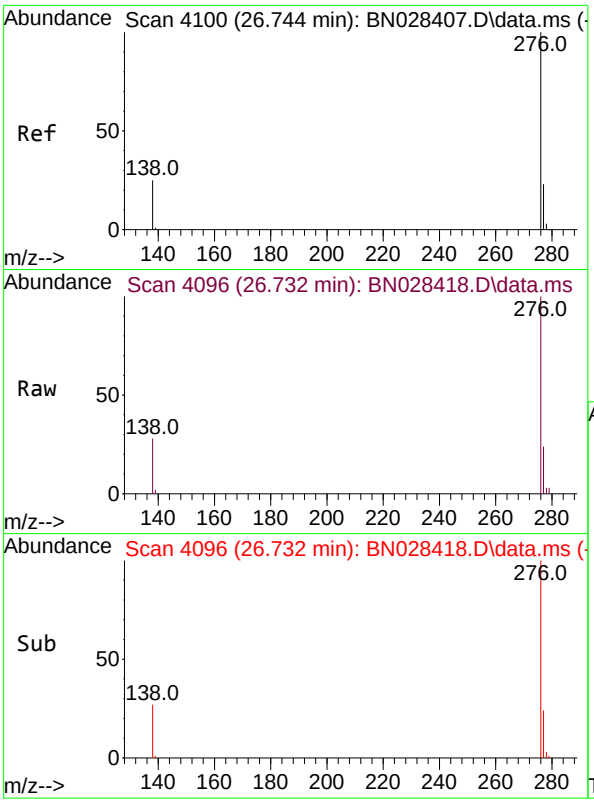


#40
Dibenzo(a,h)anthracene
Concen: 0.429 ng
RT: 26.039 min Scan# 3859
Delta R.T. -0.012 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Tgt Ion:278 Resp: 27184

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.8	23.8
279	25.4	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.430 ng
RT: 26.732 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN028418.D
Acq: 02 Nov 2023 13:05

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Tgt Ion:276 Resp: 29201

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	27.7	21.1	31.7